

FIGURE 1A

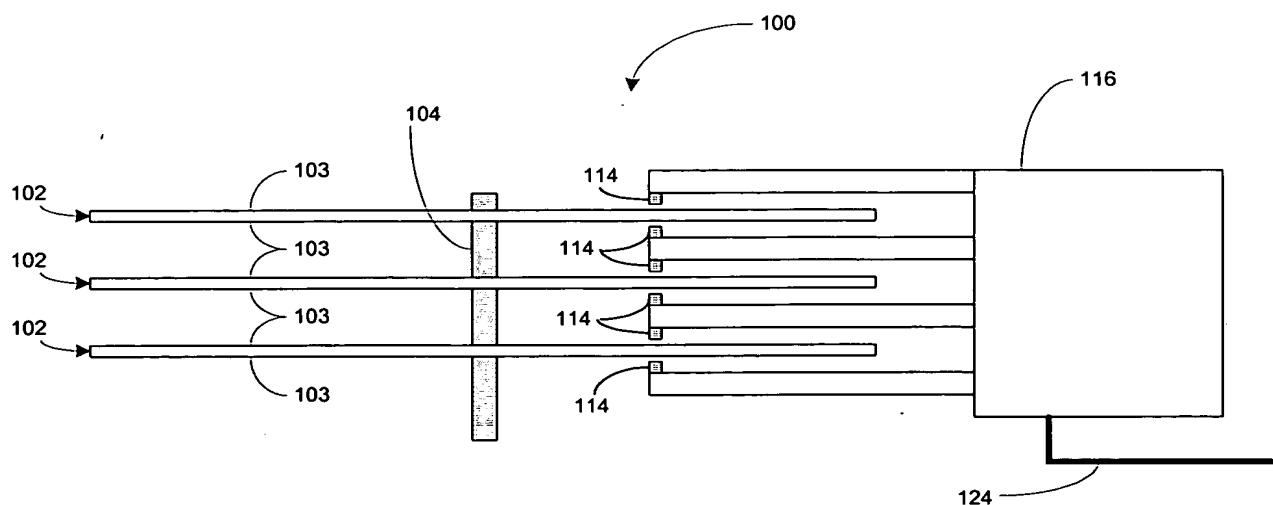


FIGURE 1B

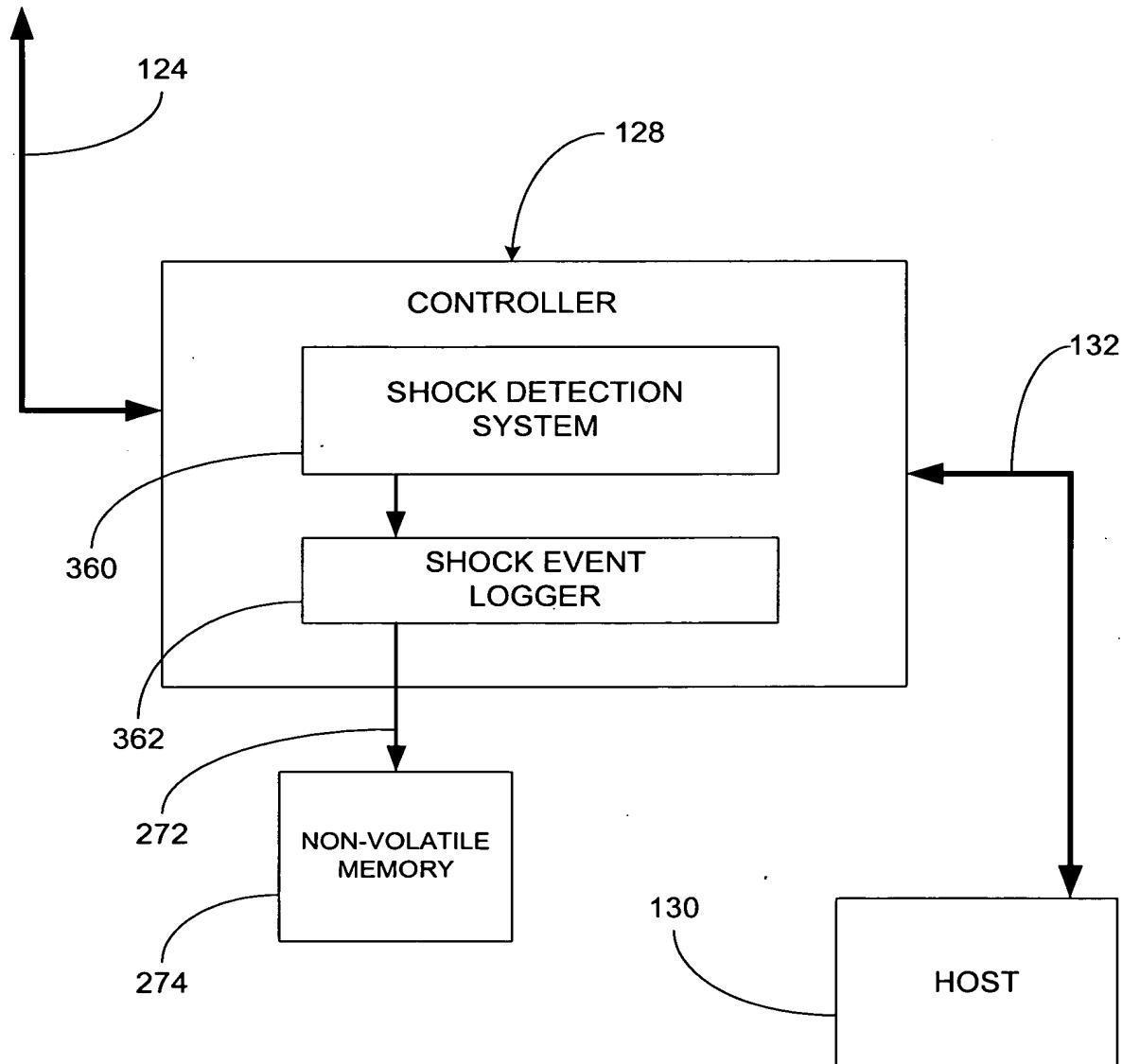


FIGURE 2

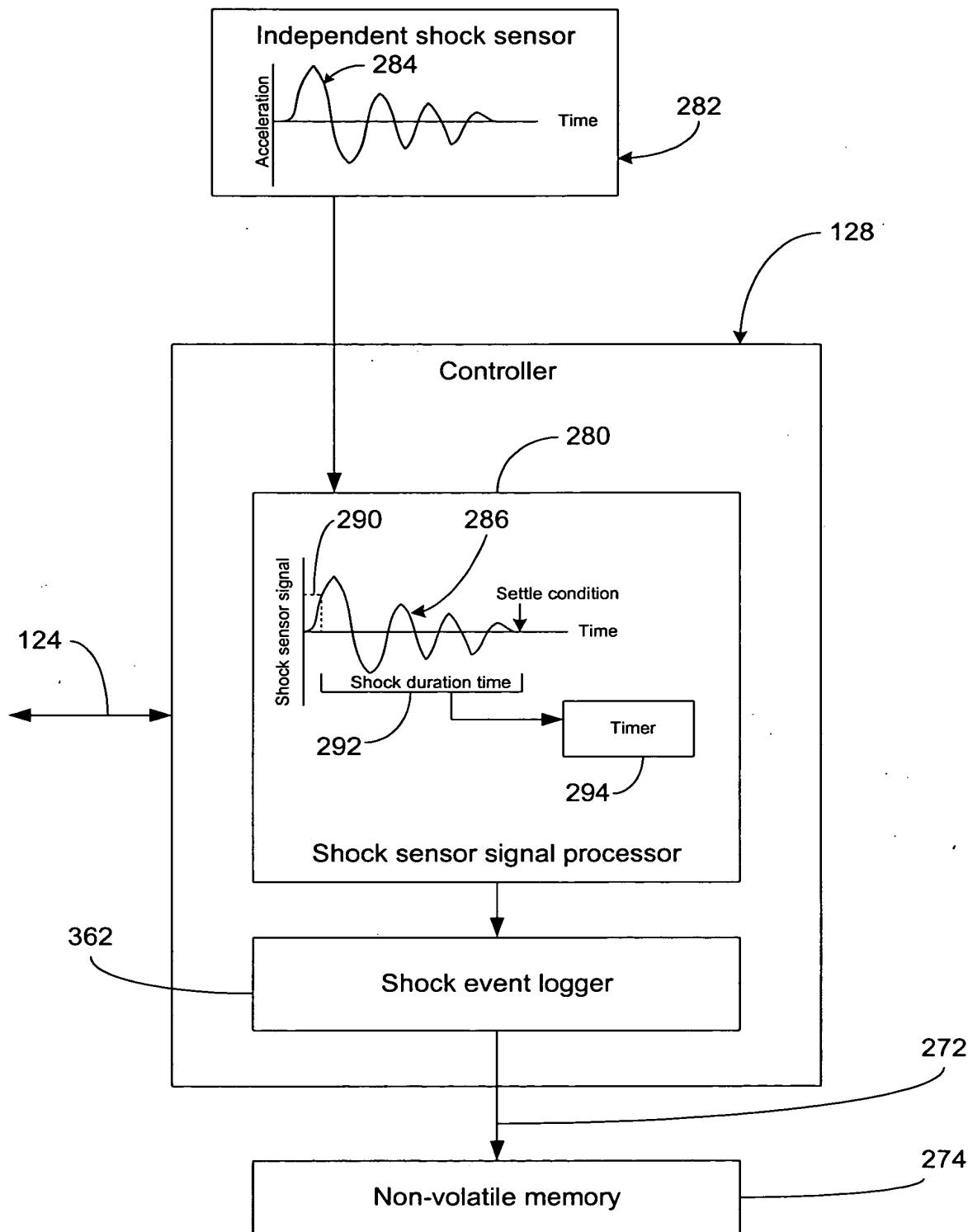


FIGURE 3A

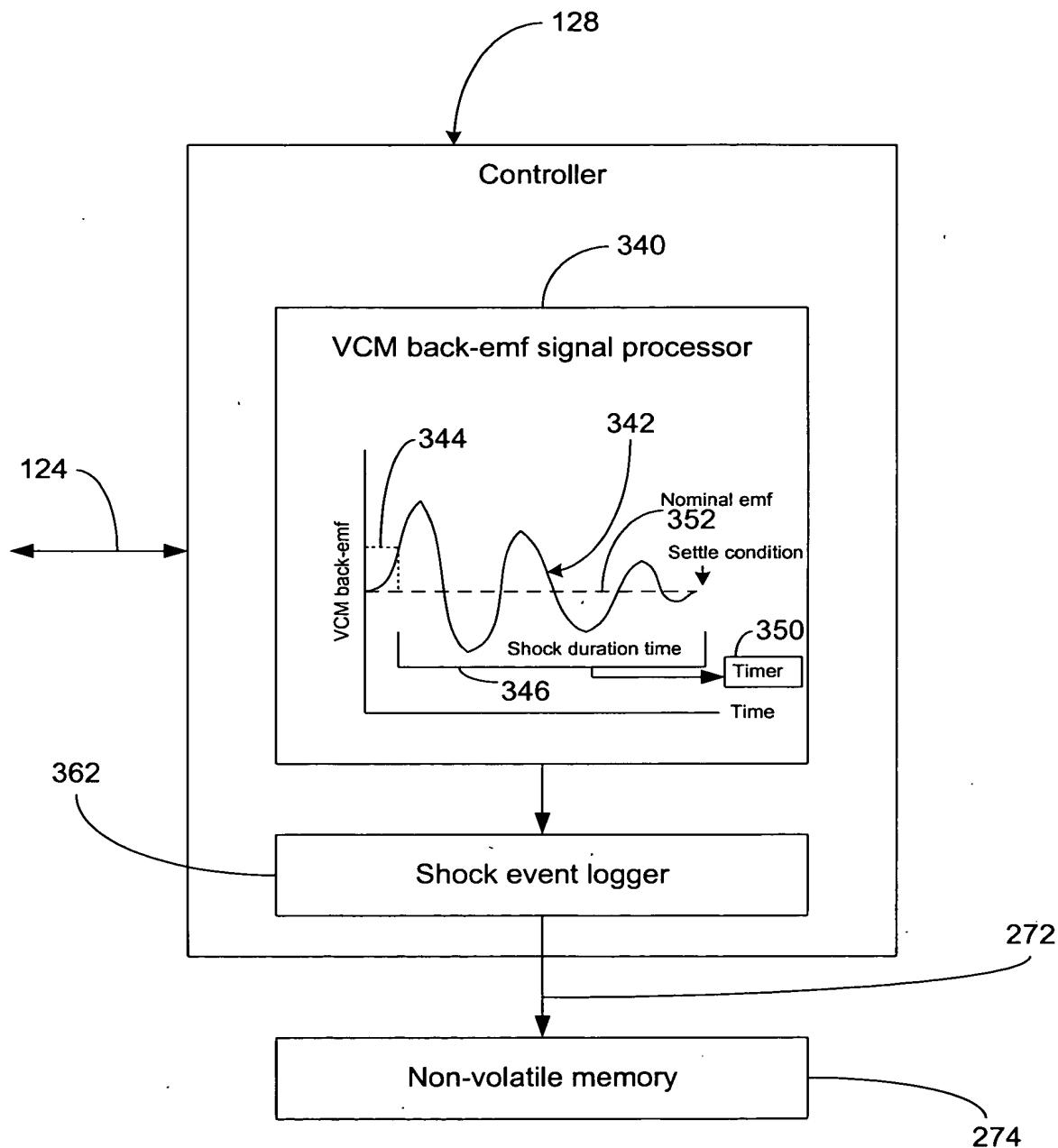


FIGURE 3B

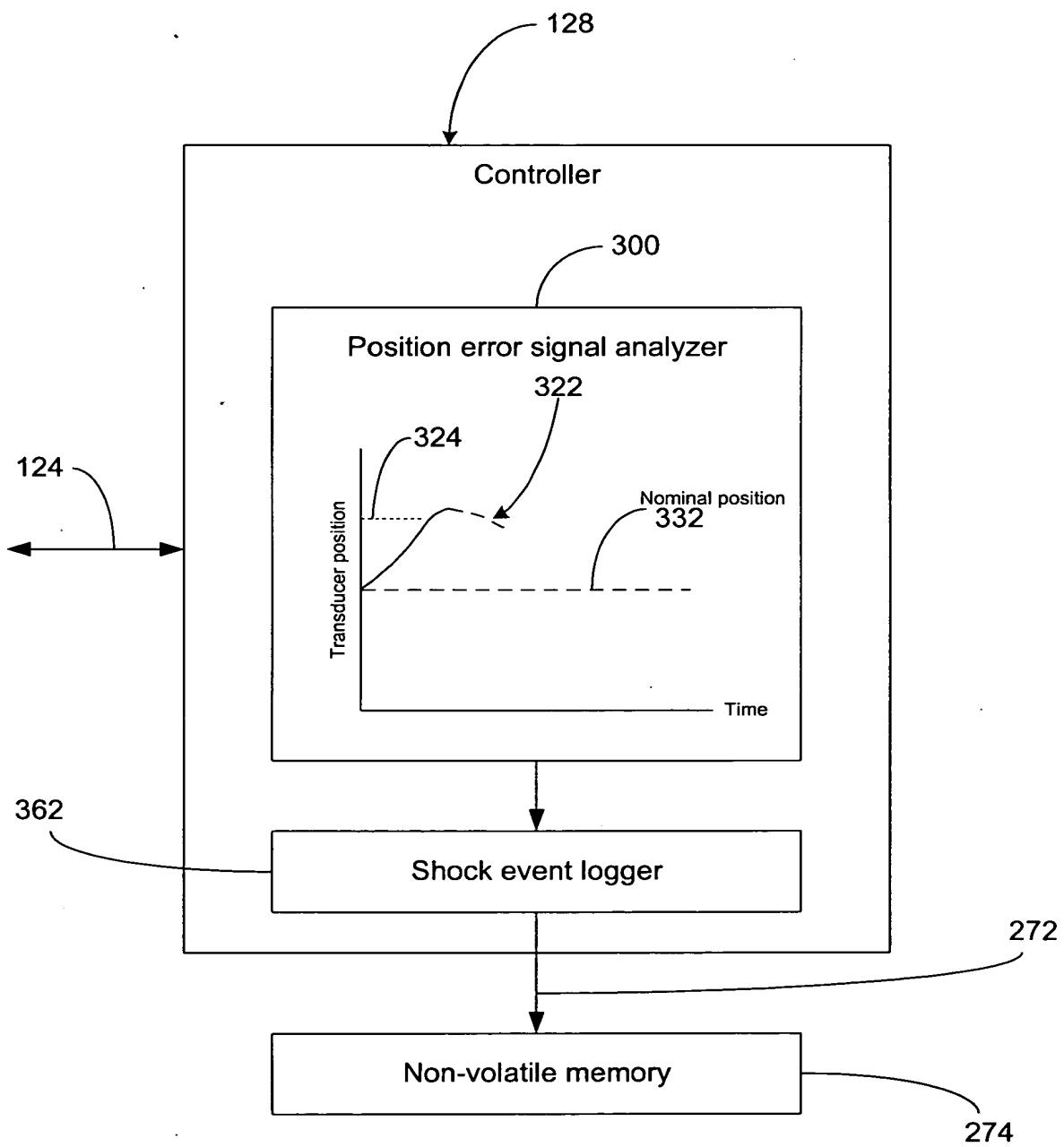
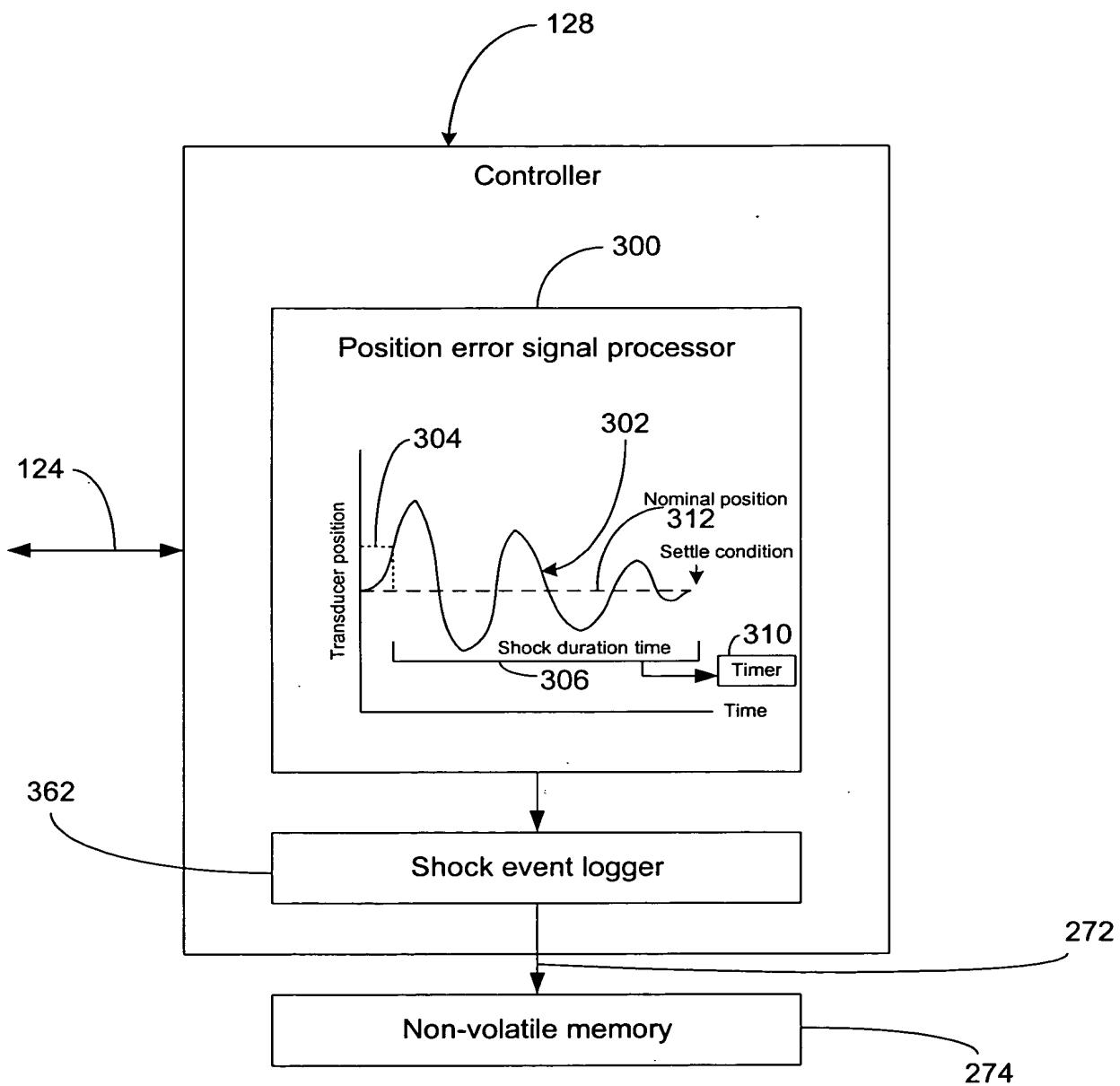


FIGURE 3C



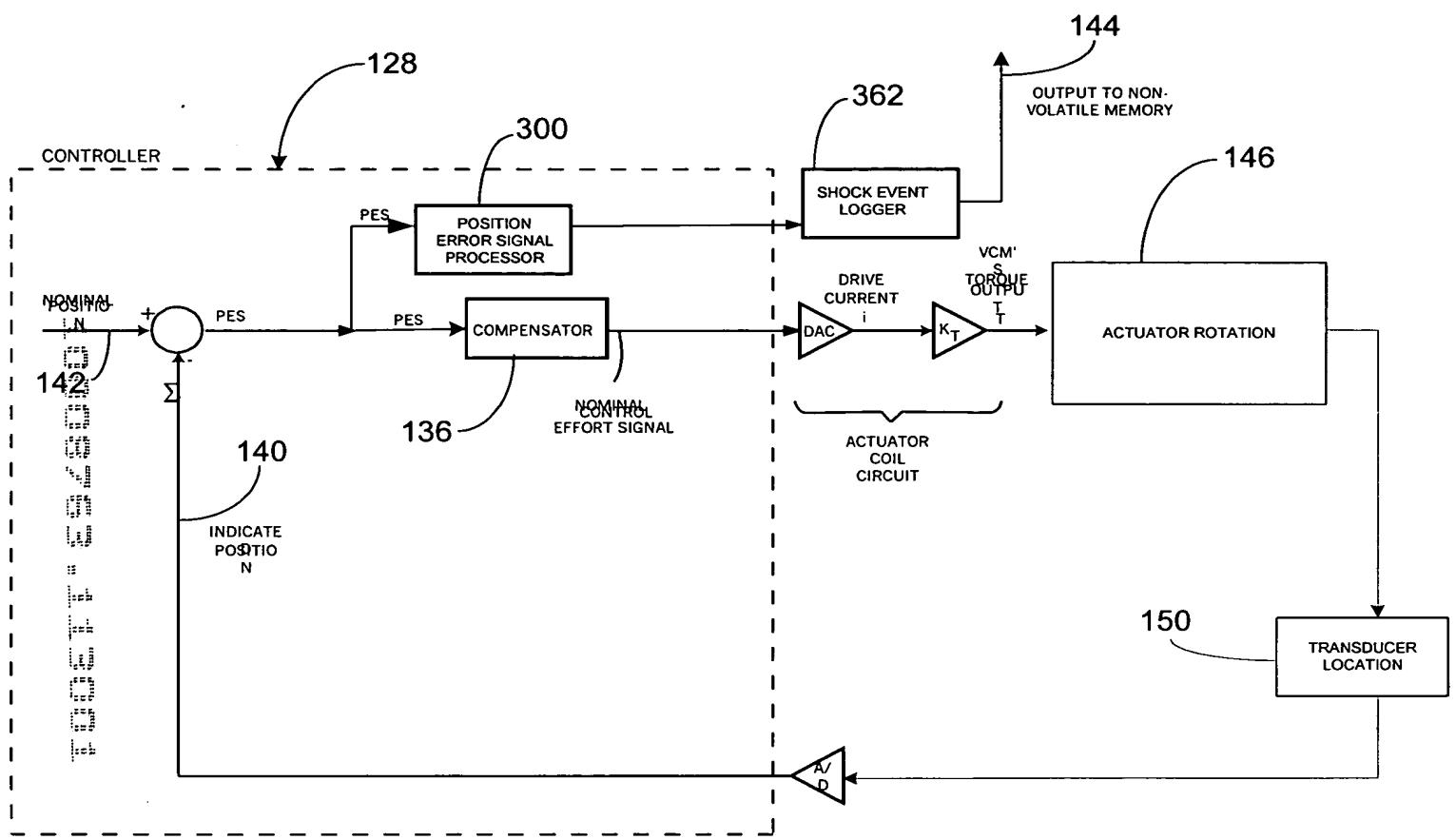


FIGURE 4

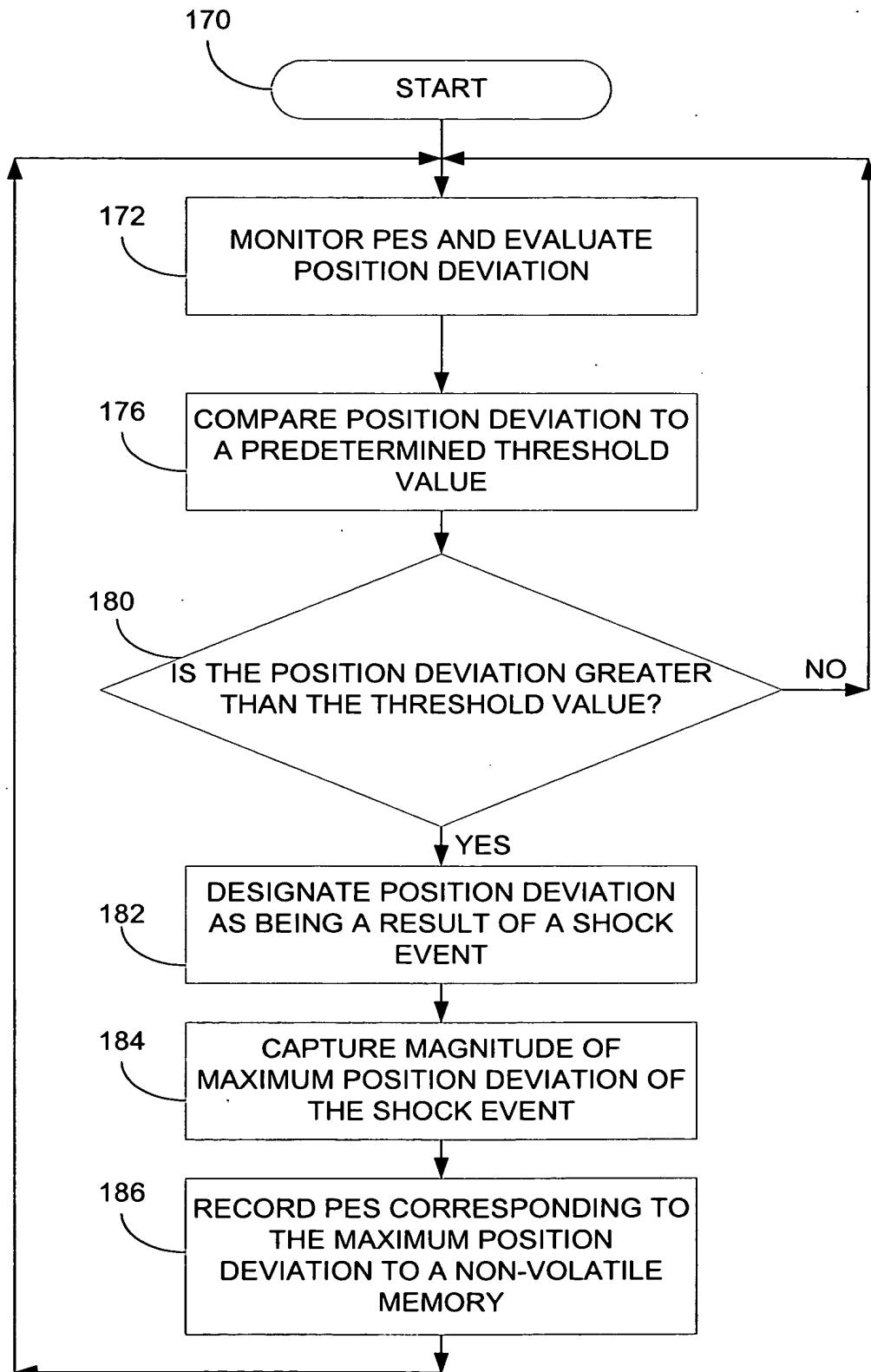


FIGURE 5

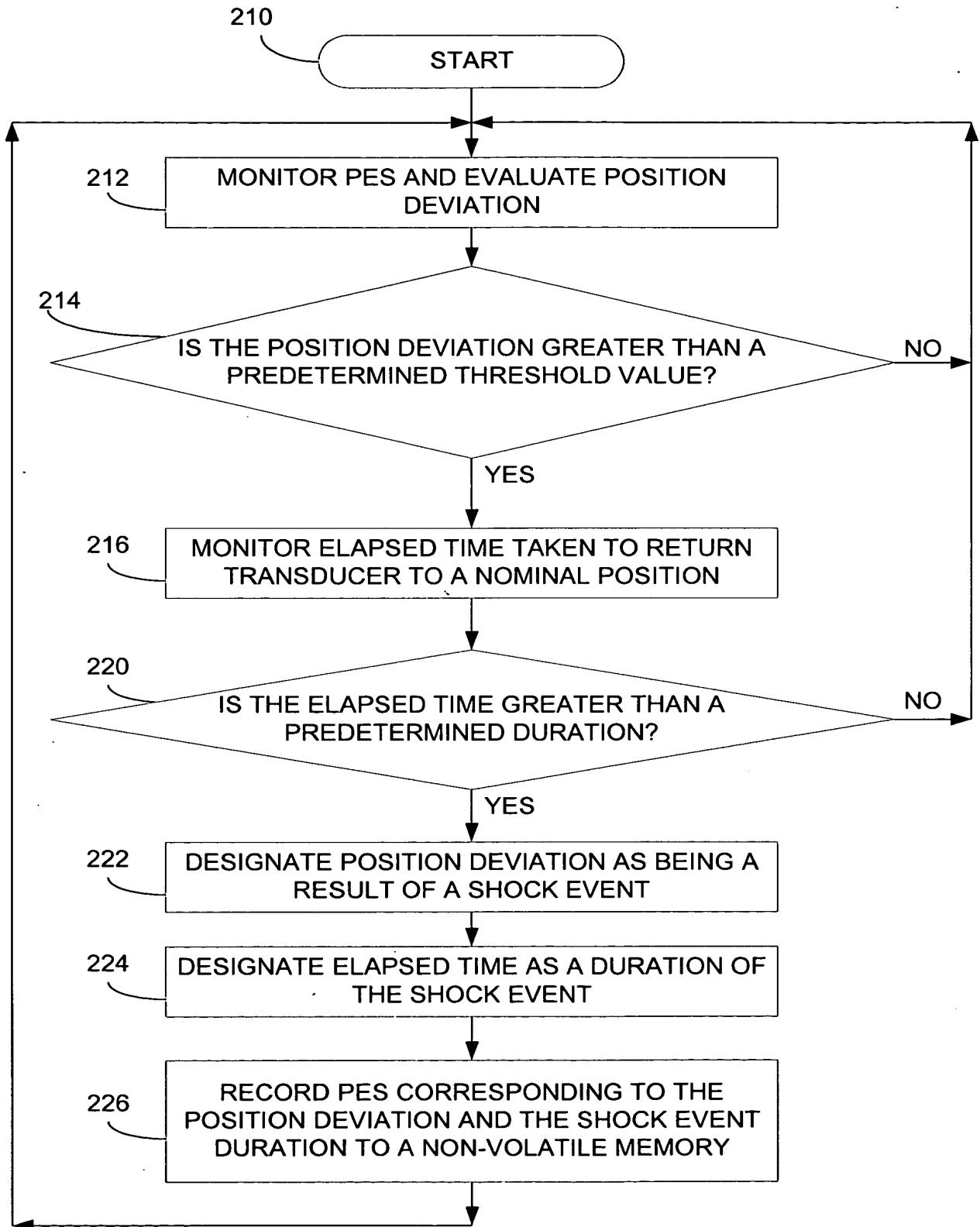


FIGURE 6

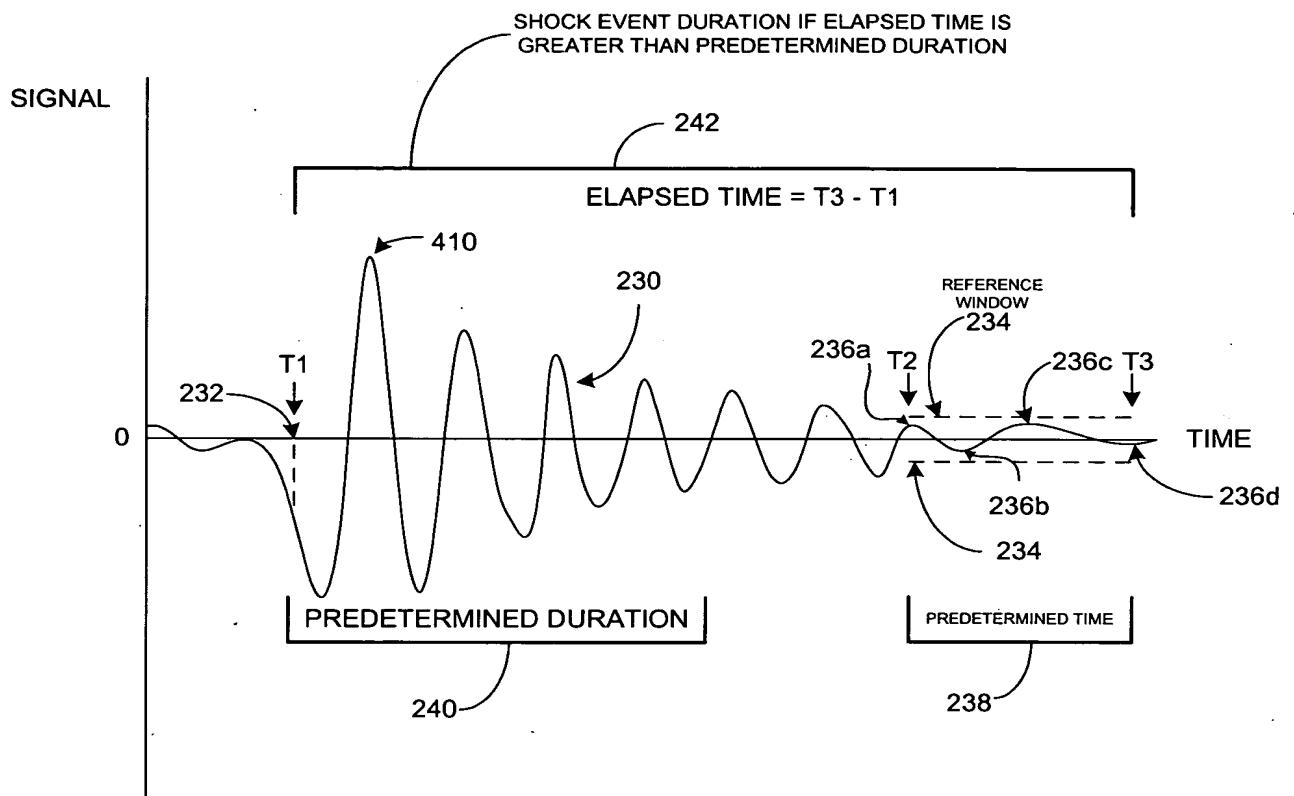


FIGURE 7

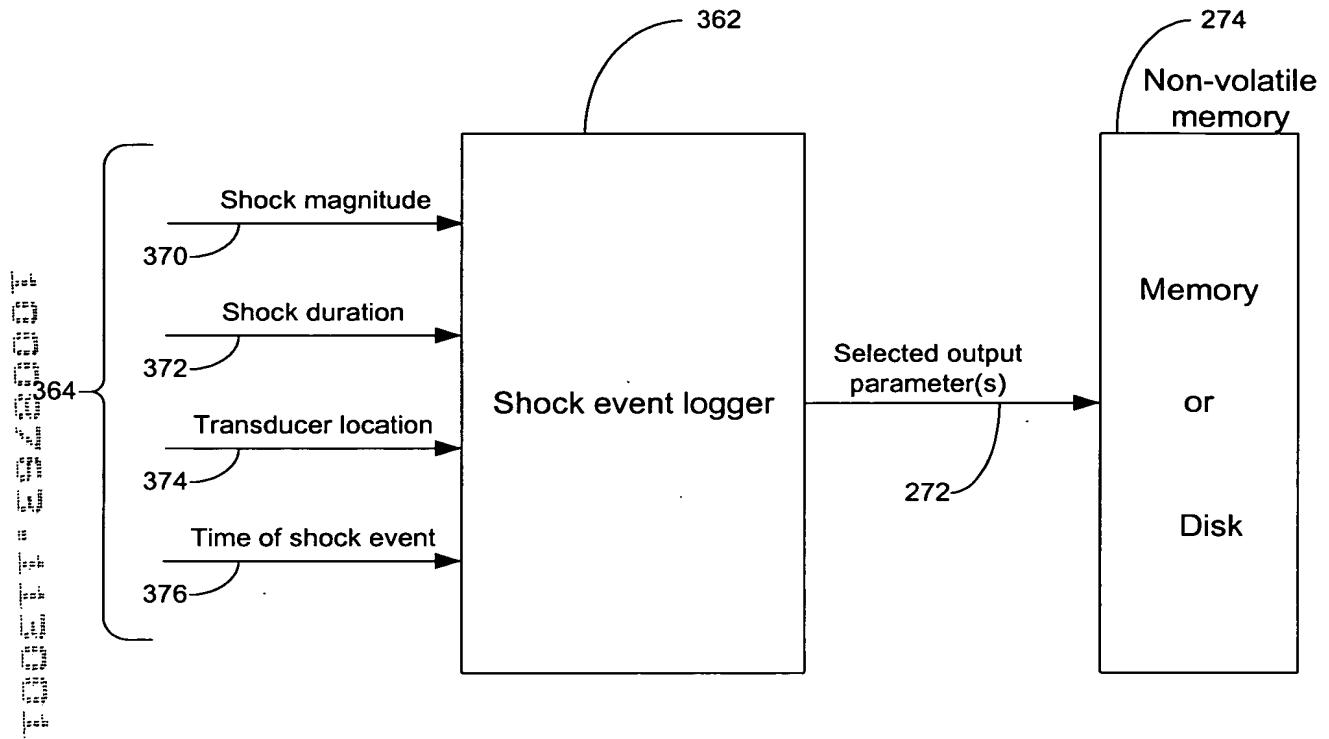


FIGURE 8

...	(n-1)-th position deviation magnitude	n-th position deviation magnitude	(n+1)-th position deviation magnitude	...
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FIGURE 9A

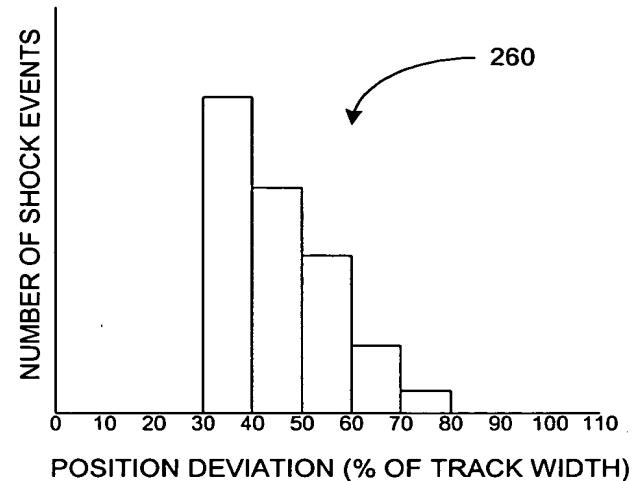


FIGURE 9B

...	(n-1)-th position deviation magnitude	n-th position deviation magnitude	(n+1)-th position deviation magnitude	(n+2)-th position deviation magnitude	...
...	(n-1)-th shock event duration	n-th shock event duration	(n+1)-th shock event duration	(n+2)-th shock event duration	...

FIGURE 9C

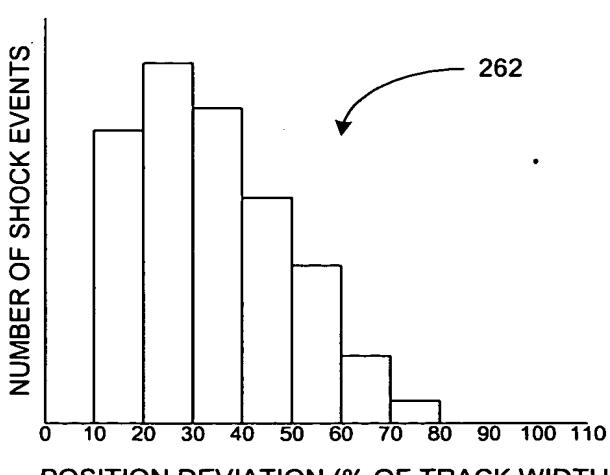
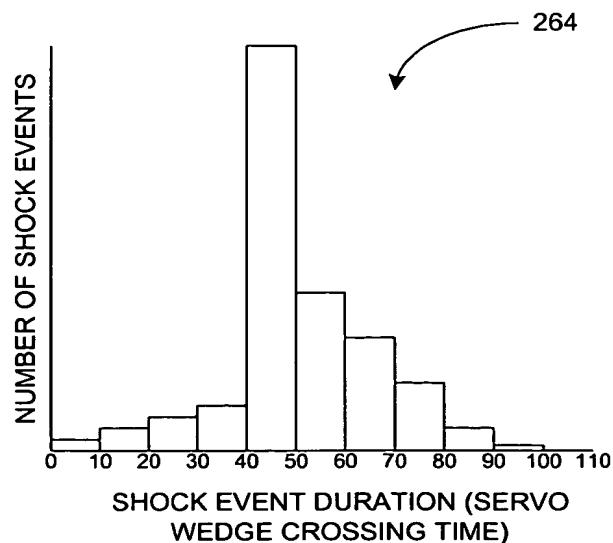


FIGURE 9D



1000 900 800 700 600 500 400 300 200 100 0

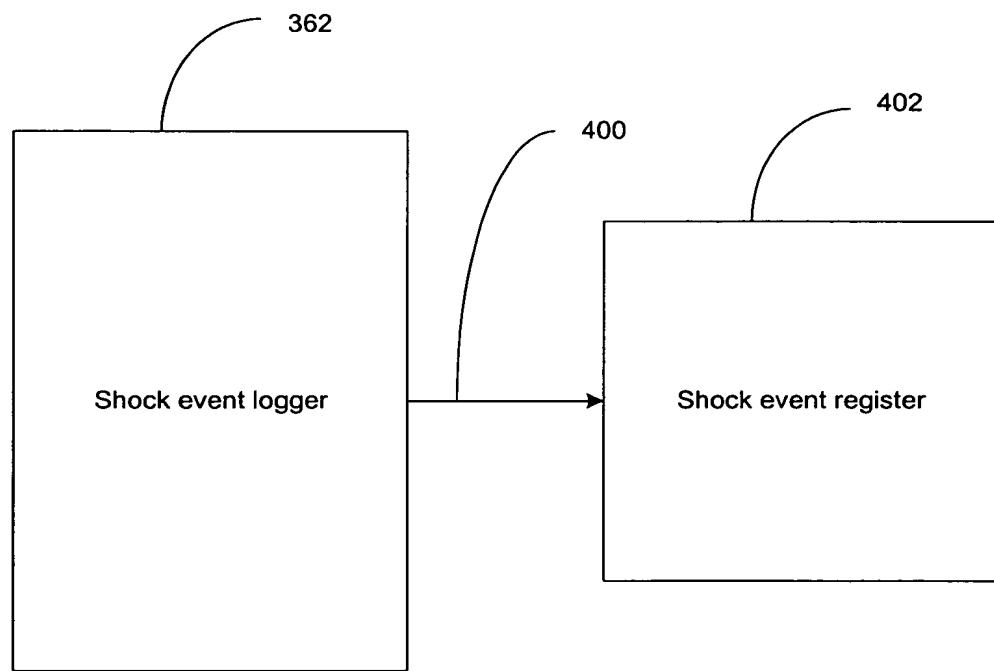


FIGURE 9E